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(54) **Electrodeposition coating composition and method.**

(57) The present invention relates to an electrodeposition coating film-forming composition capable of forming a coating film with varistor property, which contains from 7 to 50 parts by weight of a powder of an electrically conductive substance and/or electrically semiconductive substance per 100 parts by weight of the solids content. The present invention also relates to an improved coating method which comprises forming a first electrodeposition coating layer on a metal article by electrodeposition coating with the above-described electrodeposition coating film-forming composition and then forming a second electrodeposition coating layer on the first electrodeposition coating layer by electrodeposition coating with the above-described electrodeposition coating film-forming composition or an anionic or cationic electrodeposition paint. In forming the above-described second electrodeposition coating layer, a voltage exceeding the varistor voltage of the

first electrodeposition coating layer is applied.

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EUROPEAN SEARCH REPORT

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EP 90 31 1358

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
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X	PATENT ABSTRACTS OF JAPAN vol. 6, no. 143 (C-117)(1021) 3 August 1982 & JP-A-57 065 765 (SHIN NIPPON SEITOKU KAGAKU KOGYO) 21 April 1982 * abstract *	1,2	
			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			C09D H01B
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 02 APRIL 1992	Examiner GIRARD Y.A.
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons A : member of the same patent family, corresponding document	

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